

What is claimed is:

1. An ignition apparatus for an internal combustion engine comprising:

a spark plug wherein a signal electrode for detecting a combustion pressure is provided at an outer circumference of a plug insulator built-in center electrode;

a holding member which covers said outer circumference of said plug insulator and has a signal terminal connected with said signal electrode; and

a plug cap fixed to said holding member, covers said outer circumference of said plug insulator and is connected with an ignition coil,

wherein:

an electrically grounded shield member is provided on said outer circumference of said plug insulator; and

said shield member is insulated from said signal electrode.

2. The ignition apparatus according to claim 1, wherein said shield member is a metal paste coated on said outer circumference of said plug insulator.

3. The ignition apparatus according to claim 1, wherein said shield member is a conductive body fitted to said outer circumference of said plug insulator.

4. The ignition apparatus according to claim 1, which further comprises an insulating member provided between said shield member and signal electrode.

5. The ignition apparatus according to claim 1, which further comprises an insulating body fitted to said outer

circumference of said plug insulator,

wherein said signal electrode is provided on said insulating body.

6. The ignition apparatus according to claim 1,
5 wherein said shield member is provided on a whole surface opposite to said signal electrode.

7. The ignition apparatus according to claim 1, which further comprises:

a cap cover for covering said plug cap; and

10 a shield plate for shielding an electrical noise provided on said cap cover around said signal electrode and signal terminal.